FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	00000000 00000000 00000000		RRRRRRRR RRRRRRRR RRRRRRRR	RRRR	RRRRR	RRRRRRR RRRRRRR RRRRRRR		LLL LLL LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF	000	000	RRR	RRR	RRR	RRR	TTT	LLL
FFFFFFFFFF	000	000	RRRRRRRR	RRRR	RRRRR	RRRRRRR	TTT	LLL
FFFFFFFFFF	000	000	RRRRRRRR	RRRR	RRRRR	RRRRRRR	TTT	LLL
FFFFFFFFFF	000	000	RRRRRRRR	RRRR	RRRRR	RRRRRRR	TTT	LLL
FFF		000	RRR RR	R	RRR	RRR	TTT	LLL
FFF	000	000	RRR RR	R	RRR	RRR	TTT	LLL
FFF	000	000	RRR RR	R	RRR	RRR	TTT	LLL
FFF	000	000	RRR	RRR	RRR	RRR	TTT	LLL
FFF		000	RRR	RRR	RRR	RRR	TTT	LLL
FFF	000	000	RRR	RRR	RRR	RRR	TTT	LLL
FFF	00000000		RRR	RRR	RRR	RRR	TTT	
FFF	00000000		RRR	RRR	RRR	RRR	TTT	
FFF	00000000		RRR	RRR	RRR	RRR	TTT	

FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	000000 000000 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	LL LL LL LL LL LL LL LL LL LL		EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE
		\$				

Page (1)

E (! DELETE statement processor IDENT = '1-002' ! Edit: SBL1002 O MODULE FORSDELETE (

BEGIN

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FACILITY: FORTRAN Language Support Library

ABSTRACT:

Contains routines to implement FORTRAN DELETE for relative and indexed organization files.

ENVIRONMENT: User mode, AST reentrant

AUTHOR: Steven B. Lionel, CREATION DATE: 14-May-1979

EDIT HISTORY:

1-001 - Original. SBL 14-May-1979

! 1-002 - Move ACTUALCOUNT declaration inside routine. SBL 15-June-1982

1020

105

FORSDELETE

M 15 16-Sep-1984 00:17:29 14-Sep-1984 12:31:48

VAX-11 Bliss-32 V4.0-742 [FORRTL.SRC]FORDELETE.B32;1 Page 3 (2)

: 106 : 107 1022 1 1023 1 FOR\$\$CB_PUSH : JSB_CB_PUSH NOVALUE,
FOR\$\$CB_POP : JSB_CB_POP NOVALUE;

! Push a CCB ! Pop a CCB

```
N 15
FORSDELETE
                                                                                                16-Sep-1984 00:17:29
14-Sep-1984 12:31:48
                                                                                                                                    VAX-11 Bliss-32 V4.0-742
                                                                                                                                    ĹFORRTL.ŠRCJFORDĚLĚTE.B32;1
                        1024
1025
1026
1027
1028
                                    GLOBAL ROUTINE FORSDELETE (
                                                UNIT,
ERR_EQL
) : CALL_CCB =
    110
                                                                                    ! Unit number on which to delete
                                                                                    ! 1 if ERR= or IOSTAT= present
    111
    112
                        1029
    114
    115
                                       FUNCTIONAL DESCRIPTION:
                        1031
1032
1033
    116
    117
                                       FORSDELETE deletes the current record of the indexed or relative organization file
     118
                                       open on unit UNIT.
    119
                        1034
    120
122
122
123
124
126
127
128
133
133
137
137
                        1035
                                       CALLING SEQUENCE:
                        1036
                                                iostat.wl.v = FOR$DELETE (unit.rl.v [, err_eql.rlu.v])
                        1038
                        1039
                                       FORMAL PARAMETERS:
                        1040
                        1041
1042
1043
                                                                        - The unit number on which to delete the record. There must be a "current record" on this unit.
                                                unit

If absent or zero, all errors are signalled.
If 1, errors return an IOSTAT error code value.

                                                err_eql
                        1044
                        1046
                                       IMPLICIT INPUTS:
                        1048
                                                CCB
                        1049
                        1050
                                       IMPLICIT OUTPUTS:
                        1051
                        1052
                                                NONE
    138
     139
                        1054
                                       ROUTINE VALUE:
     140
                        1055
    141
142
143
                        1056
1057
                                                An IOSTAT value.
                        1058
                                       SIDE EFFECTS:
    144
                        1059
                                                SIGNAL_STOP's:
FOR$_WRIREAFIL - Write to read-only file
FOR$_NO_CURREC - No current record
                        1060
    146
147
148
                        1061
1062
1063
1064
1065
1066
1067
1068
1069
1071
1072
1073
1076
1077
1078
                                                FORS_DECERR
                                                                      - Delete error
    149
150
151
152
153
154
155
156
157
158
                                          BEGIN
                                          GLOBAL REGISTER
CCB = 11: REF BLOCK [, BYTE];
                                          LOCAL
                                                L_UNWIND_ACTION : VOLATILE,
L_ERR_EQL_PRES : VOLATILE,
STATUS;
     9ر 1
     160
     161
     162
                                          BUILTIN
                                                ACTUAL COUNT;
     164
                        108Ó
     165
                                          ENABLE
```

Page

```
1081
1082
1083
1084
166
167
                                     FOR$$10STAT_HND (L_UNWIND_ALTIC*:, L_ERR_EQL_PRES);
168
169
                                Determine if ERR_EQL is present.
170
171
172
173
174
175
176
                 1085
                 1086
                                IF ACTUALCOUNT () GTR 1
                 1088
                                     L_ERR_EQL_PRES = .ERR_EQL
                1090
                                     L_ERR_EQL_PRES = 0:
                1092
178
179
                 1094
                                ! Unwind action is NO-OP (no LUB yet)
180
                 1095
                1096
1097
181
182
183
184
185
                                L_UNWIND_ACTION= FOR$K_UNWINDNOP;
                 1098
                 1099
                 1100
                                  Get a LUB for this unit. On return, CCB points to the
186
187
                 1101
                                  current control block.
                1102
188
189
                1104
                                FOR$$CB_PUSH (.UNIT, LUB$k_LUN_MIN);
190
                 1105
191
192
193
                1106
                1107
                                Unwind action is now to POP the CCB.
                1108
194
                1109
195
                1110
                                L_UNWIND_ACTION = FOR$K_UNWINDPOP;
196
197
                1111
                1112
1113
1114
1115
1116
1117
1118
1119
                                ! If file is not indexed or relative organization, or is direct access,
198
199
                                ! signal error FOR$_DELERR.
200
201
202
203
204
205
206
207
208
210
                                IF_NOT .CCB [LUB$v_NOTSEQORG] OR .CCB [LUB$v_DIRECT]
                                    for$$SIGNAL_STO (FOR$K_DELERR);
                1120
1121
1122
1123
1124
1125
1126
1127
1128
1129
1131
1132
1133
1134
                                If file is read-only, signal error FOR$_WRIREAFIL.
                                IF .CCB [LUB$V_READ_ONLY]
211
212
213
214
215
                                     FOR$$SIGNAL_STC (FOR$K_WRIREAFIL);
                                I Try to delete the current record. If we get an error, signal it.
216
217
218
219
220
221
222
                                IF NOT $DELETE (RAB=.CCB)
                                THEN
                1136
                                            .CCB [RAB$L_STS] EQL RMS$_RSA DO
```

```
C 16
                                                                                16-Sep-1984 00:17:29
FOR SDELETE
                                                                                                              VAX-11 Bliss-32 V4.0-742
                                                                                                                                                           Page
1-002
                                                                                14-Sep-1984 12:31:48
                                                                                                              [FORRTL.SRCJFORDELETE.B32;1
                    1138
1139
1140
1141
1142
1143
                                             $WAIT (RAB=.CCB);
   2222222222222334567890123
22222222222223334567890123
                                             $DELETE (RAB=.CCB);
                                            END;
                                        IF NOT .CCB [RAB$L_STS]
                                        THEN
                                              FOR$$SIGNAL_STO (
SELECTONEU .CCB [RAB$L_STS] OF
                    1144
                                                      SET [RMS$_CUR, RMS$_RNL] : FOR$K_NO_CURREC; [OTHERWISE] : FOR$K_DELERR;
                    1145
                    1146
                    1148
                    1149
                                        END:
                    1150
                    1151
                    1152
                                   ! Return I/O system to previous state
                    1154
                    1155
                                   FOR$$(B_POP ();
                    1156
                    1157
                                   RETURN 0:
                                                            ! Success IOSTAT value
                    1158
                                   END:
                                                                                             .TITLE FORSDELETE
                                                                                             .IDENT
                                                                                                      11-002
                                                                                             .EXTRN
                                                                                                      FOR$$10STAT_HND
                                                                                                      FOR$$SIGNAL_STO
FOR$$SIG_NO_LUB
FOR$$CB_PUSH, FOR$$CB_POP
SYS$DELETE, SYS$WAIT
                                                                                             .EXTRN
                                                                                             .EXTRN
                                                                                             .EXTRN
                                                                                             .EXTRN
                                                                                                      _FORSCODE,NOWRT, SHR, PIC,2
                                                                                             .PSECT
                                                                                                      FOR$DELETE, Save R2,R3,R4,R11
SYS$DELETE, R4
                                                                                                                                                              : 1024
                                                                     081C 00000
                                                                                             .ENTRY
                                                                       9E
9E
(2
                                                 54 00000000G
                                                                          00002
                                                                  00
                                                                                            MOVAB
                                                53
                                                                  ŌŌ
                                                                          00009
                                                                                                      FOR$$SIGNAL_STO, R3
                                                    0000000G
                                                                                            MOVAB
                                                                                                      #4, SP
L_ERR_EQL_PRES
                                                 5E
                                                                          00010
                                                                                            SUBL 2
                                                                  04
                                                                  ŽĒ
AE
CF
                                                                                                                                                                1067
                                                                       D4 00013
                                                                                            CLRL
                                                                                                      L_UNWIND_ACTION
                                                                          00015
                                                                                            CLRL
                                                                       D4
                                                                                                      12$, (FP)
                                                                           00018
                                                                                            MOVAL
                                                         3800
                                                6D
                                                                       DE
                                                                                                                                                                1087
                                                                                                       (AP), #1
                                                01
                                                                       91
                                                                           0001D
                                                                                            CMPB
                                                                  60
                                                                       1B
                                                                          00020
                                                                                            BLEQU
                                                                  06
                                                                                                                                                                1089
                                                                          00022
                                                                                            MOVL
                                                6E
                                                            08
                                                                  AC
                                                                       00
                                                                                                       ERR_EQL, L_ERR_EQL_PRES
                                                                  ÔŽ
                                                                       11
                                                                           00026
                                                                                            BRB
                                                                                                                                                                1091
                                                                       D4 00028 15:
                                                                                            CLRL
                                                                                                      L_ERR_EQL_PRES
                                                                  6E
                                                                                                      #T, L_UNWIND_ACTION
                                                                                                                                                                1097
                                          04
                                                 AE
                                                                  01
                                                                       DO 0002A 2$:
                                                                                            MOVL
                                                                                                                                                                1104
                                                                  50
                                                                       D4 0002E
                                                                                            CLRL
                                                                                                      UNIT, R2
FOR$$CB_PUSH
                                                    000000006
                                                                       DO 00030
                                                                                            MOVL
                                                                  AC
                                                                  00
                                                                       16 00034
                                                                                            JSB
                                                                  AE
03
                                                                                                      L_UNWIND_ACTION
                                                                                                                                                               1110
                                                                       D4 0003A
                                                                                            CLRL
                                                                                                      #3, -95(CCB), 3$
                                                                                                                                                              : 1117
                               05
05
                                                                       E1
                                                                          0003D
                                                                                            BBC
                                          A1
                                          FC
                                                                  04
                                                                       Ē1
                                                                          00042
                                                                                            BBC
                                                                                                      #4, -4(CCB), 4$
                                                 AB
                                                                                                      #55
                                                                                                                                                               1119
                                                                   37
                                                                           00047 3$:
                                                                                            PUSHL
                                                                       DD
                                                                                                      #1, FOR$$SIGHAL_STO
#2, -4(CCB), 5$
                                                                  01
                                                                           00049
                                                                                            CALLS
                                                                       FB
                                                                                                                                                              1125
                               05
                                          FC
                                                 AB
                                                                  02
                                                                       E1
                                                                           00040 4$:
                                                                                            BBC
```

DD

00051

PUSHL

				1	D 16 6-Sep-19 4-Sep-19	84 00:17 84 12:31	:29 VAX-11 Bliss-32 V4.0-742 :48 [FORRTL.SRC]FORDELETE.B32;1	Page 7 (3)
	63		01 FB 5B DD	00053	se.	CALLS	#1, FOR\$\$SIGNAL_STO	
	64 3D		01 FB	00058	5\$:	PUSHL CALLS	CCB #1, SYS\$DELETE R0, 11\$; 1133
000182DA	8F	08	50 E8 AB D1	0005E	6\$:	BLBS CMPL	8(CCB), #99034	1136
			10 12 5B DD	00068		BNEQ Pushl	7\$ CCB	1138
0000000G	00		01 FB 5B DD	0006A 00071		CALLS PUSHL	#1, SYS\$WAIT CCB	1139
	64		01 FB	00073 00076		CALLS	#1, SYS\$DELETE	1136
	1F	08 08	AB E8	00078	7\$:	BRB BLBS	8(CCB), 11\$; 1141
000181A0	50 8F	08	E6 11 AB E8 AB D0 50 D1	00080		MOVL CMPL	8(CCB), RO RO, #98720	; 1144 ; 1146
000184B4	8F		09 13 50 D1	00087 00089		BEQL CMPL	8\$ RO, #99508	:
	_		04 12 35 DD	00090	88.	BNEQ PUSHL	9 \$ #53	•
			02 11	00094		BRB	10 \$. 11/7
	63		01 FB	00096 00098	10\$:	PUSHL CALLS	#55 #1, FOR\$\$SIGNAL_STO	; 1147 ; 1144
		0000000G	00 16 50 D4	0009B 000A1	11\$:	JSB CLRL	FOR\$\$CB_POP RO	; 1155 ; 1157
			0000	000A3	12 \$:	RET .WORD		: 115 8 : 1067
	50 50	08	AC DO	000A6	120.	MOVL	Save nothing 8(AP), RO	;
	50	04 F8	A0 D0 A0 9F	000AE		MOVL PUSHAB	L_ERR_EQL_PRES	•
		FC	AO 9F U2 DD	000B1 000B4		PUSHAB PUSHL	8(AP), RO 4(RO), RO L_ERR_EQL_PRES L_UNWIND_ACTION #2	:
	7E	04	SE DD AC 7D	000B6		PUSHL MOVQ	SP 4(AP), -(SP)	•
0000000G	00	04	03 FB 04	000BC 000C3		CALLS	#3, FOR\$\$IOSTAT_HND	:

; Routine Size: 196 bytes. Routine Base: _FOR\$CODE + 0000

Page 8

```
1159
1150
1161
                           GLOBAL ROUTINE FOR DELETE_D (
UNIT,
REC_NO,
ERR_EQL
                                                                    ! Unit to delete on
                                                                      Record number to delete
                 1162
                                                                    ! 1 if ERR= or IOSTAT= specified
                                     ) : CALL_CCB =
                1164
                1166
                             FUNCTIONAL DESCRIPTION:
                 1168
                             Deletes the specified record on a relative organization file opened for direct access.
                 1169
                 1170
                 1171
                             CALLING SEQUENCE:
                1172
1173
1174
1175
                                     iostat.wl.v = FOR$DELETE_D (unit.rl.v, rec_no.rl.v [, err_eql.r;u.v])
                             FORMAL PARAMETERS:
                1176
1177
                                                                    - Unit number to delete on
                                     unit
                1178
1179
                                                                    - Record number to delete
                                     rec_no
                                     err_eql
                                                                    - If present and 1, return IOSTAT
                 1180
                                                                      values for errors.
267
                 1181
                1182
1183
268
                             IMPLICIT INPUTS:
1184
                                     LUB$L_LOG_RECNO
LUB$V_FIND_LAST
                1186
                                                                    ! On if FIND was last operation
                1188
1189
                             IMPLICIT OUTPUTS:
                 1190
                                     LUB$V_FIND_LAST
                                                                   ! Cleared
                1191
1192
1193
1194
1195
                             ROUTINE VALUE:
                                     An IOSTAT value.
                1196
1197
                             SIDE EFFECTS:
                 1198
                                     SIGNAL STOPs:
                                     FOR$ OPEDEFREQ - Open or define file required for direct or keyed access FOR$ WRIREAFIL - Write to read-only file
                 1199
                1200
                                     FORS RECNUMOUT - Record number out of range
                1202
                                     FORS ATTACCNON - Attempt to access non-existent record FORS SPERECLOC - Specified record locked
                 1204
                                     FOR$_DELERR
                                                        - Delete error
                 1205
                1206
1207
1208
1209
                        1!--
                                BEGIN
                                GLOBAL REGISTER
CCB = 11: REF BLOCK [, BYTE];
                 1210
                1211
1212
1213
                1214
                                     L_UNWIND_ACTION : VOLATILE,
L_ERR_EQE_PRES : VOLATILE;
301
```

```
BUILTIN ACTUALCOUNT;
! Determine if ERR_EQL is present.
IF ACTUALCOUNT () GTR 2
    L_ERR_EQL_PRES = .ERR_EQL
    L_ERR_EQL_PRES = 0;
! Unwind action is NO-CP (no LUB yet)
L_UNWIND_ACTION= FOR$K_UNWINDNOP;
 Get a LUB for this unit. On return, CCB points to the current control block.
FOR$$CB_PUSH (.UNIT, LUB$K_LUN_MIN);
Unwind action is now to POP the CCB.
L_UNWIND_ACTION = FOR$K_UNWINDPOP;
! If file is not relative organization, signal error FOR$_DELERR.
IF .CCB [LUB$B_ORGAN] NEQU LUB$K_ORG_RELAT
    FOR$$SIGNAL_STO (FOR$K_DELERR);
! If file is read-only, signal error FOR$_WRIREAFIL.
IF .CCB [LUB$V_READ_ONLY]
    FOR$$SIGNAL_STO (FOR$K_WRIREAFIL);
I If file is not direct access, signal error FOR$_OPEDEFREQ.
[TJBRID_V&BUL] BJD. TCM 11
```

F 16 16-Sep-1984 00:17:29 14-Sep-1984 12:31:48

```
412
414
```

```
FOR$$SIGNAL_STO (FOR$K_OPEDEFREQ);
! If the record number passed is illegal, signal FOR$_RECNUMOUT.
IF .REC_NO LEG O OR (.CCB [LUB$L_REC_MAX] NEG O AND .REC_NO GTRU .CCB [LUB$L_REC_MAX])
      FOR$$SIGNAL_STO (FOR$K_RECNUMOUT);
    See if the requested record to be deleted may already be locked.
    If it is, we want to avoid doing a $FIND which would unlock the record. To check, we compare REC_NO against (LUB$L_LOG_RECNO - 1) (or LUB$L_LOG_RECNO if LUB$V_FIND_LAST is set). If they are equal, the last operation we did may have locked this record. If it didn't, then we don't have a record locked. Trying to delete the record will show if it's locked or not. If not, we do a $FIND anyway.
IF .REC_NO_EQL ( IF .CCB [LUB$V_FIND_LAST]
           .CCB [LUB$L_LOG_RECNO]
      ELSE
            .CCB [LUB$L_LOG_RECNO] - 1)
THEN
      BEGIN
                                                                ! Turn off bit
      CCB [LUB$V_FIND_LAST] = 0;
        We may have it locked. Try to delete it.
      IF NOT $DELETE (RAB=.CCB)
           WHILE .CCB [RAB$L_STS] EQL RMS$_RSA DO BEGIN
                 $WAIT (RAB=.CCB);
                 $DELETE (RAB=.CCB);
                 END:
      ! If we succeeded, return.
      IF .CCB [RAB$L_STS]
      THEN
           BEGIN
           FOR$$CB_POP ();
                                         ! Return I/O to previous state
                                         ! Success IOSTAT value
            RETURN 0;
           END:
      END:
! +
```

G 16 16-Sep-1984 00:17:29 14-Sep-1984 12:31:48

; 1159

VAX-11 Bliss-32 V4.0-742

[FORRTL.SRC]FORDELETE.832:1

```
1-002
                       417
    4478901233456789
4444456789
    460
    461
    462
```

463

```
We don't have it locked. Do a $FIND then a $DELETE.
CCB [LUB$V_FIND_LAST] = 0;
CCB [LUB$L_LOG_RECNO] = .REC_NO;
IF NOT SFIND (RAB=.CCB)
THEN
    BEGIN
    WHILE .CCB[RAB$L_STS] EQL RMS$_RSA DO
        BEGIN
    SWAIT (RAB=.CCB);
    $FIND (RAB=.CCB)
    END:
    IF NOT .CCB [RAR$L_STS] THEN FOR$$SIGNAL_STO (
    SELECTONEU .CCB [RAB$L_STS] OF
         [RMS$_RLK] : FOR$K_SPERECLOC;
[RMS$_RNF, RMS$_EOF] : FOR$K_ATTACCNON;
[OTHERWISE] : FOR$K_DELERR;
        TES):
    END:
! Try to delete the current record. If we get an error, signal it.
IF NOT $DELETE (RAB=.CCB)
THEN
    BEGIN WHILE CCB ERAB$L_STS] EQL RMS$_RSA DO
        BEGIN
        $WAIT (RAB=.CCB);
        $DELETE (RAB=.CCB);
        END:
    IF NOT .CCB [RAB$L_STS]
    THEN
          FOR$$SIGNAL_STO (FOR$K_DELERR);
    END:
! Return I/O system to previous state
FOR$$(B_POP ();
RETURN 0:
                      ! Success IOSTAT value
END:
```

.EXTRN SYS\$FIND

087C 00000 9E 00002 9E 00009 FOR\$DELETE_D, Save R2,R3,R4,R5,R6,R11 SYS\$FIND, R6 SYS\$WALT, R5 .ENTRY 56 000000006 55 000000006 MOVAB ŎŎ MOVAB 9Ē 00010 54 00000000G 00 SYSSDELETE, R4 MOVAB

					1	I 16 6-Sep- 4-Sep-	1984 00:17 1984 12:31	:29 VAX- :48 [FOR	-11 Bliss-32 V4.0-742 RRTL.SRCJFORDELETE.B32;1	Page 12 (4)
		53 5E	0000000G	00	9E 00017 C2 0001E	•	MOVAB	FOR\$\$SIGNA	AL_STO, R3	į
		75	04	04 7E AE	C2 0001E D4 00021 D4 00023		SUBL2 CLRL	#4, SP L_ERR_EQL L_UNWIND_#	PRES	1208
		6D 02	0117	CF 6C	DE 00026 91 00028	1	CLRL MOVAL (MPB	23\$, (FP) (AP), #2	ACTION	1227
		6E	00	06	1B 0002E		BLEQU MOVL	1\$	EDD EOL DDEC	1229
		OL.		AC 02 6E	11 00034 D4 00036		BRB CLRL	2\$ L_ERR_EQL_	L_ERR_EQL_PRES	1231
	04	AE		01 50	DO 00038	2\$:	MOVL CLRL	#T, L_UNW]	IND_ACTION	: 1237 : 1244
		52	00000000G	01 50 AC 00 AB 05 37	00 0003E		MOVL JSB	UNIT, R2 FOR\$\$CB_PU	ICH	, 1244
		02	04	AE	04 00048 91 00048		CLRL CMPB	L UNWIND A	ACTION	: 1250 : 1256
		02		05 37	13 0004F DD 00051		BEQL PUSHL	3 \$ #55	~ C	1258
05	FC	63 AB		01	FB 00053 E1 00056	3\$:	CALLS	#1, FOR\$\$	SIGNAL_STO B), 4\$	1264
0,5	, ,	63		01 02 2F 01	DD 0005B		PUSHL CALLS	#47	SIGNAL_STO	1266
05	FC	AB		04 1 A	EO 00060	45:	BBS PUSHL		B), 5\$	1272 1274
		63 52	08	ÓÎ AC	FB 00067	•	CALLS MOVL	#1, FOR\$\$ REC_NO, R	SIGNAL_STO	1280
		,,	E4	ÖB AB	15 0006E 05 00070		BLEQ TSTL	6\$ -28(CCB)		:
	E4	AB	64	0B 52 05	13 00073 D1 00075)	BEQL CMPL	7 \$ R2, -28(C)	rr)	•
	£-4	70		05 19	1B 00079 DD 0007B	•	BLEQU PUSHL	7 \$ #25		1282
06	AO	63 AB		01 03	FB 0007D E1 00080		CALLS BBC	#1, FOR\$\$	SIGNAL STO CB), 8\$	1295
00	70	50	ΕO	AB	00085 11 00089		MOVL	-32(CCB),		1297
50	ΕO	AB 50		01 52	C3 0008B	85:	BRB SUBL3 CMPL	9\$ #1, -32(C) R2, R0	CB), RO	1299 1295
	AO	AB		26 08	12 00093 8A 00095		BNEQ BICB2	12 \$	(R)	1303
	7.0	64		5B 01	DD 00099 FB 0009B E8 0009E) 	PUSHL CALLS	CCB		1309
	000182DA	16 8F	08	50 AR	E8 0009E	10\$:	BLBS CMPL	#1, SYS\$DE RO, 11\$ 8(CCB), #9	99034	1311
,	00010207	0.		OC SB	12 000A9 DD 000AB	•	BNEQ PUSHL	11 \$ CCB		1313
		65		01 5B	FB 000AD	•	CALLS PUSHL	MÍ, SYS \$W /	AIT	1314
		64		051268B105B1B1A	FB 000B2) ·	CALLS	#1 SYS\$DE		1311
	AQ	7D AB	08	AB 08	E8 000B7	115:	BRB BLBS BICB2	8(CCB), 22 #8, -96(CC R2, -32(CC	2 \$ CB)	; 1321 : 1333 : 1335 ; 1336
	ÊŎ	AB		52 58	DO 000BF		MOVL	CCB		; 1335 ; 1336
í	000182DA	66 46 8f	08	AB 08 52 5B 01 50 AB	FB 000C5	13\$:	PUSHL CALLS BLBS CMPL	#1, SYS\$F1 R0, 19\$ 8(CCB), #9	IND 99034	1339

FORSDELETE 1-002		J 16 16-Sep-1984 00:17:29 VAX- 14-Sep-1984 12:31:48 [FOR	11 Bliss-32 V4.0-742 Page 13 RTL.SRCJFORDELETE.B32;1 (4)
	65 66	OC 12 00003 BNEQ 14\$ 5B DD 000D5 PUSHL CCB 01 FB 000D7 CALLS #1, SYS\$WA 5B DD 000DA PUSHL CCB 01 FB 000DC CALLS #1, SYS\$FI EA 11 000DF BRB 13\$ AB E8 000E1 14\$: BLBS 8(CCB), 19	: 1342
000182AA	2C 08 50 08 8F	AB DO 000ES MOYL 8(CCB), RO 50 D1 000E9 CMPL RO, #98986 04 12 000FO BNEQ 15\$ 34 DD 000F2 PUSHL #52	\$ 1344 1345 1347
0001827A	8F	18 11 000F4 BRB 18\$ 50 D1 000F6 15\$: CMPL RO, #98938 09 13 000FD BEQL 16\$	1348
00018282	8F	50 D1 000F6 15\$: CMPL R0, #98938 09 13 000FD BEQL 16\$ 50 D1 000FF CMPL R0, #98994 04 12 00106 SNEQ 17\$ 24 DD 00108 16\$: PUSHL #36 02 11 0010A BRB 18\$ 37 DD 0010C 17\$: PUSHL #55	
	63	01 FB 0010E 18\$: CALLS #1. FOR\$\$S	IGNAL_STO : 1349 : 1345 : 1357
000182DA	64 1F 8F 08	58 DD 00111 19\$: PUSHL CCB 01 FB 00113 CALLS #1, SYS\$DE 50 E8 00116 BLBS R0, 22\$ AB D1 00119 20\$: CMPL 8(CCB), #9 0C 12 00121 BNEQ 21\$	9034 1360
	65	- 78 1111 1111 178 - PILLAN (1 B	IT : 1362 : 1363
	64	01 FB 0012A	LFTF :
	05 08	EA 11 0012D BRB 20\$ AB E8 0012F 21\$: BLBS 8(CCB), 22 37 DD 00133 PUSHL #55	; 1367
	00000000	01 FB 00135 CALLS #1, FOR\$\$S 00 16 00138 22\$: JSB FOR\$\$CB_PO 50 D4 0013E CLRL RO 04 00140 RET 0000 00141 23\$:WORD Save nothi	IGNAL_STO : 1374 : 1377
	50 08 50 04 F8 FC	AC DU 00145 MUVL 8(AP), RU AO DO 00147 MOVL 4(RO), RO AO 9F 0014B PUSHAB L_ERR_EQL AO 9F 0014F PUSHAB L_UNWIND A	PRES CTION 1208
0000000G	7E 04	02 DD 00151 PUSHL #2 5E DD 00153 PUSHL SP AC 7D 00155 MOVQ 4(AP), -(S 03 FB 00159 CALLS #3, FOR\$\$I 04 00160 RET	P) ;

; Routine Size: 353 bytes. Routine Base: _FOR\$CODE + 00C4

FORSDELETE 1-002 1378 1 END 1379 0 ELUDOM 465 466

K 16 16-Sep-1984 00:17:29 14-Sep-1984 12:31:48

VAX-11 Bliss-32 V4.0-742 [FORRTL.SRC]FORDELETE.B32;1

Page 14

.End of module

PSECT SUMMARY

Name Bytes Attributes

_FOR\$CODE

549 NOVEC, NOWRT, RD, EXE, SHR, LCL, REL, CON, PIC, ALIGN(2)

Library Statistics

----- Symbols -----Pages Processing File Loaded Percent Total Time Mapped 9776

_\$255\$DUA28:[SYSLIB]STARLET.L32:1

13 0

581

00:01.1

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/NOTRACE/LIS=LIS\$: FORDELETE/OBJ=OBJ\$: FORDELETE MSRC\$: FORDELETE/UPDATE=(ENH\$: FORDELETE

549 code + 0 data bytes 00:16.4 00:55.0 _5045

; Size: 549 code 6 ; Run Time: 00:16.4 ; Elapsed Time: 00:55.0 ; Lines/CPU Min: 5045 ; Lexemes/CPU-Min: 33318 ; Memory Used: 185 pages ; Compilation Complete

0179 AH-BT13A-SE

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